## Work Order ID 73340

Page 1

Wednesday, August 31, 2011 11:04:48 AM

Item ID:	
----------	--

D3407-041

Accept



Setup Start

Stop



**Revision ID:** 

Start Date:

Item Name:

Required Date: 9/15/2011

Tow Ring

9/1/2011

**Start Qty:** 16.00

Req'd Qty: 16.00

**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

Process Plan:

**Tooling:** Date:

Date: Date:

Start Run

QC:

Date:

SPC (Y/N):

Tool # Plan

Accept Qty

Reject

Stop

Insp.

Work Center ID

Operation **Description**  Set Up/ **Run Hours** 

0.00

**Tool ID** 

Code

Qty

Reject Number

11-08-31 JBL

Stamp

Draw Nbr

Sequence ID/

D3407 Rev E

100

Large Fab

Large Fab

**Revision Nbr** 

Memo

0.00

Large Fab

Weld D3407-1/-5 using welding rod TIG174 as per Dwg D3407 & QSI 004 TIG174 ROD

110

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds

Cp(11.08.31

Memo

Memo

0.00

120

QC5- Inspect part completeness to step on W/O

D 11/08/01

Quality Control

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE	RE CHANGE			Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
		e e e	A.										
Part No	):	PAR #: Fault Category:	NC	R: Yes	No DQ	A:	Date: _						

Resolution:		olution:	Dispositio	on: QA	: N/C Clos	sed:	Date: _		
NCR:									
D.4.T.F.	0.750	Description of NC	Corrective Action Section B			Verification	Approval	Approval	
DATE	SIEP	STEP	Section A	Initial Chief Eng	Action Description  Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
		•							

NOTE: Date & initial all entries

#### Work Order ID 73340

Wednesday, August 31, 2011 11:04:48 AM



Page 2

Item ID:

D3407-041

Accept

Setup Start

**Revision ID:** 

**Start Date:** 

Item Name: Tow Ring

Required Date: 9/15/2011

9/1/2011

**Start Qty: 16.00** 

Req'd Qty: 16.00

**Cust Item ID:** 

**Customer:** 

Tool ID

Stop

Start

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date: Date:

Stop

Run

Sequence ID/

Operation

Set Up/ **Run Hours** 

Tool # Plan

Accept Code Qty

Reject Qty

Reject Number

Insp. Stamp

**Work Center ID** 

130

Powdercoat

Powder Coating

Description

White Gloss(Ref:4.3.5.2) per QSl005 4.3-Steel

0.00

\*\*Mask Threaded Section\*\*
START TIME:
OVEN TEMPERATURE:
FINISH TIME:

0.00

Quality Control

QC3- Inspect Part Finish

Memo

0.00

6 6 Mullog161

150

140

Packaging Packaging

Identify as per dwg & Stock Location: 63

0.00

0.00

Memo

## **Dart Aerospace Ltd**

	•								
W/O:			WO	RK ORDER CHANGI	ES				,
DATE STEP		PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
<del></del>									
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No <b>DQ</b>	A:	Date: _	
Resolution		solution:	Disposition	:	_ QA: N/C CI	osed:	·	Date:	
NCR:		,	WORK ORDE	R NON-CONFORMA	NCE (NCF	R)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Action Description	on B Sign 8		cation	Approval Chief Eng	Approval QC inspector
		Gestion A	Chief Eng	Chief Eng	Date	Jec.		Onlor Eng	de mopostor
	÷								

NOTE: Date & initial all entries

#### Work Order ID 73340

Page 3

Wednesday, August 31, 2011 11:04:48 AM

Item ID:

D3407-041

Accept



Setup Start

Stop



**Revision ID:** 

Tow Ring Item Name:

Required Date: 9/15/2011

**Start Date:** 

9/1/2011

**Start Oty:** 16.00

Operation

Description

Reg'd Qty: 16.00



**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Approvals:

Process Plan:

Date:

QC21- Final Inspection - Work Order Release

Tooling:

Date:

Run Start

Reject

Qty

Stop



QC:

Date:

**SPC (Y/N):** 

Set Up/

**Run Hours** 

Date: \_\_\_\_

Code

Tool # Plan

Accept Qty

Reject Number.

Insp. Stamp

Sequence ID/ Work Center ID

160

Memo

0.00

0.00

Quality Control

Dart Ae	rospace	e Ltd							,
W/O:			W	ORK ORDER CHANGES			-		
DATE STEP		PROC	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No				tegory: No					
	R	esolution:	_ Disposit	ion: Q	A: N/C C	losed:		Date: _	
NCR:		W	ORK OR	DER NON-CONFORMANC	E (NCI	R)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B  Action Description Chief Eng	Sign Date	& Sect	<b>cation</b> ion C	Approval Chief Eng	Approval QC Inspector
									·
				·					

NOTE: Date & initial all entries

# **Picklist Print**

Wednesday, August 31, 2011 11:04:44 AM

Work Order ID: 73340

Parent Item:

D3407-041

Parent Item Name: Tow Ring



**Start Date: 9/1/2011** 

Required Date: 9/15/2011

Page 1

**Start Qty: 16.00** 

Required Qty: 16.00

Comments:

IPP Rev:A□05.10.14□New issue□KJ/EC

IPP Rev:B 08-09-09 revE as per dwg DD verified by:EC

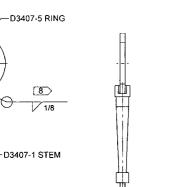
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3407-1 		Manufactured	No			100	Each	6.0000	1 	16			
				<u>Location</u> WA	72176	<u>Loc</u>	<u>Oty</u> 6 6	Loc Code	X	6	<del>-</del> 08	-31 0	BL
03407-5 <b>                                    </b>		Manufactured	No			100	Each	18.0000		16			
in the second se				<u>Location</u> WA	72146	Loc	Oty 18	Loc Code	<i>X</i> _	<u> </u>	- /1- Ol	8-31	AB1.

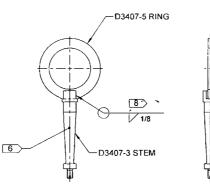
## **Dart Aerospace Ltd**

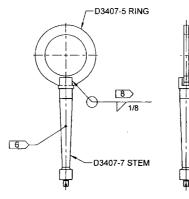
	•								
W/O:			WO	RK ORDER CHANGE	ES				
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	No <b>DQ</b>	A:	_ Date: _	
	Re	esolution:	Disposition	):	QA: N/C	Date: _			
NCR:		,	WORK ORDE	ER NON-CONFORMA	NCE (NC	R)			
DATE	0755	Description of NC			on B	Verific	ification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	&   Secti	on C	Chief Eng	QC Inspector
			·						

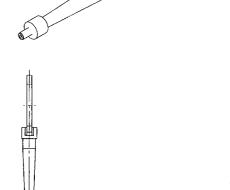
NOTE: Date & initial all entries

QTY -041 QTY -043 QTY -045 PART NUMBER DESCRIPTION D3407-041 TOW RING D3407-043 **TOW RING** D3407-045 TOW RING D3407-1 STEM STEM D3407-3 D3407-5 RING STEM D3407-7









D

**D3407-041 TOW RING** 

**D3407-043 TOW RING** 

<u>D3407-045 TOW RING</u> ≜

Α	NEW ISSUE	CP	05.03.16
В	UPDATE DIAMETER, THREAD CLASS ADDED	CP	05.06.17
С	-1/-3 LONGER FOR FIT W/WASHER	CP	05.09.09
D	D3407-1/-3 SLOT WAS ROUND NOW FLAT FOR ASSEMBLY WITH D3407-5 (2N C2-2, C2-3); D3407-5 WAS ROUND NOW FLAT ON ONE END FOR ASSEMBLY WITH D3407-1/-3 (ZN B6-4); REASON: PRODUCTION FACILITY	PH	08.04.07
E	ADD D3407-045 (ZN B2-1, D8-1); ADD D3407-7 (ZN B6-5); REVISED NOTE 6 TO ADD IDENTIFICATION (ZN A5-1); REASON: PRODUCTION FACILITY	РН	08.07.23

REV.		DESCRIPTION	l Bi	DATE
DESIGN	197	DART AEROSE	ACE USA	INC.
DRAWN	Pet		DLOCK, WA	.,
CHECKED	5-1	DRAWING NO.		REV. E
MFG. APPR.	-/d/	D3407		SHEET 1 OF 5
APPROVED	1.7.	TITLE		SCALE
DE APPR.	-#	TOW RING		NTS
DATE 08.0	7.23	COPYRIGHT © 2005 BY THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL A NOT TO NO. INCO FOR ANY PURPOSE OF COMPTO	NO IS SUPPLIED ON THE EXPRI	ESS CONDITION THAT IT IS

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3 (EXCEPT THREADS)
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3407-XXX" USING BLACK FINE POINT PERMANENT INK MARKER
7) WEIGHT: D3407-041 - 0.60 lbs, D3407-043 - 0.53 lbs, D3407-045 - 0.61 lbs
8) WELD PER DART QSI 004 ON ALL EDGES BETWEEN STEM AND RING

8

8

D

С

E

